

## Daya Bay: Recent Results and Status

*Tuesday 27 August 2019 14:44 (22 minutes)*

The Daya Bay Reactor Neutrino Experiment has accumulated the largest sample of reactor antineutrino interactions to date and will continue operating until the end of 2020. The experiment consists of eight identically designed antineutrino detectors placed underground at different baselines from six 2.9 GWth nuclear reactors. In this talk I will give an overview of our recent results, including our latest measurement of the oscillation parameters that drive the disappearance of electron antineutrinos at short baselines with a 1958-day data set, as well as the first simultaneous extraction of the individual antineutrino spectra from  $^{235}\text{U}$  and  $^{239}\text{Pu}$  with commercial reactors. I will also briefly review the prospects for the experiment.

### Working Group

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